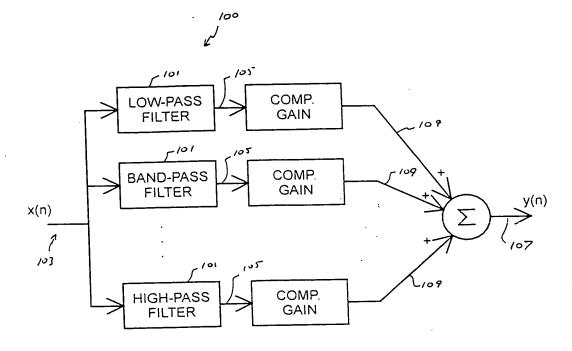
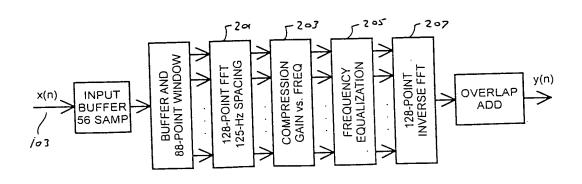
Œ

1



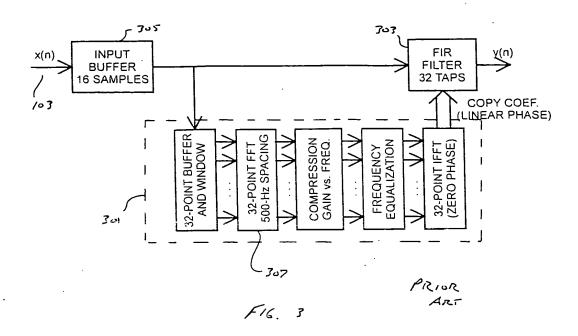
F16. 1

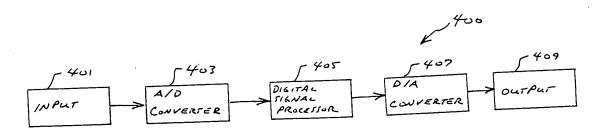
PRIOR ART



F16. 2

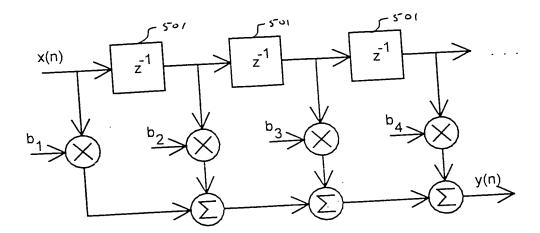
PRIOR ART In re a part of James M. Kates Expression I No. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085 2/11



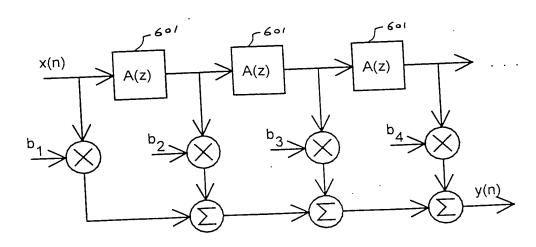


F16. 4

In re apply the mes M. Kates Express M. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085 3/11



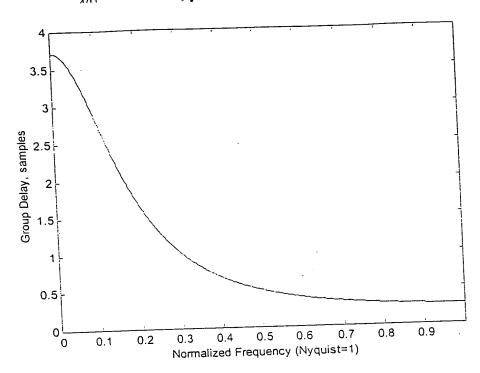
F16. 5



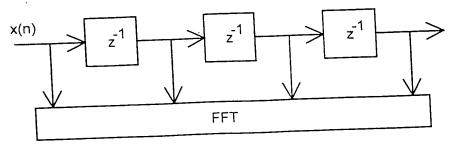
F16. 6

In re apl James M. Kates Express Marl No. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085

4/11



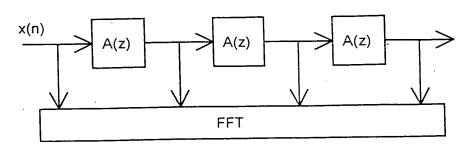
F16.7



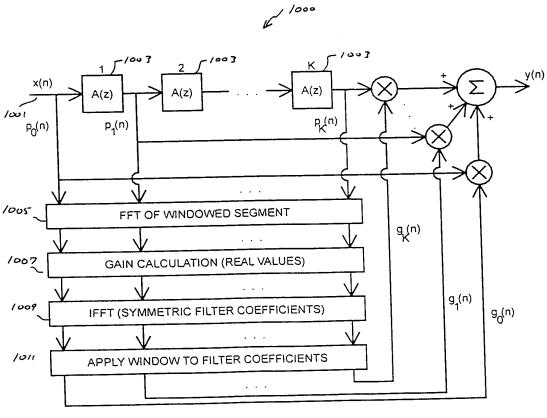
F16. 8

In re Express Wail No. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085

-2111 -



F16. 9



F16. 10

Express mail No. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085 6/11 Fill Input Buffer Filter Input Through First All-Pass Filter Filter AP Output Through Next AP Filter 1 Filter AP Output Through Last AP Filter Select Last Sample From Each AP Output Sequence Window the Selected Samples **FFT** Gain Calculation Inverse FFT

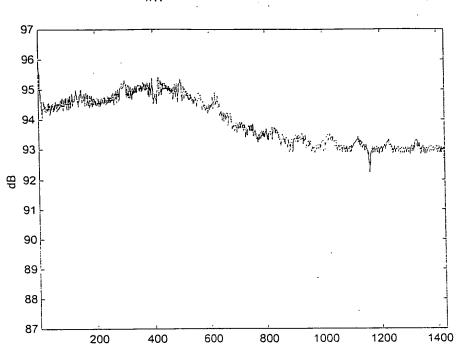
of James M. Kates

Multiply Input and Each AP Output Sequence by the Corresponding Filter Coefficient and Sum to Give the Filtered Output Sequence

Window the Filter Coefficients

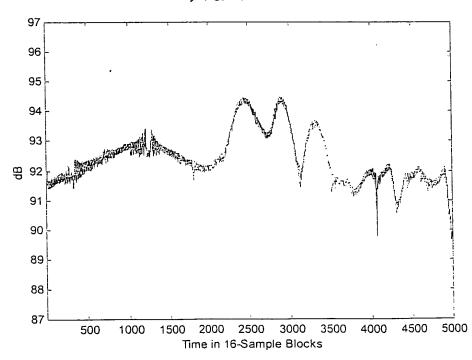
F16. 11

e appln. of James M. Kates press Mail No. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085 7/11



F16. 12

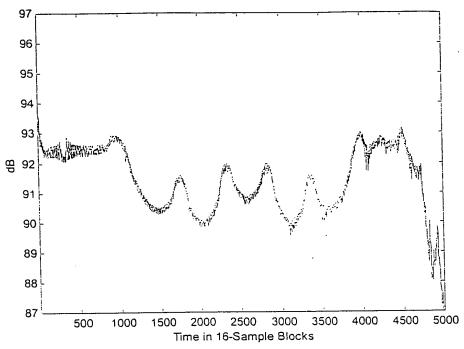
Time in 56-Sample Blocks

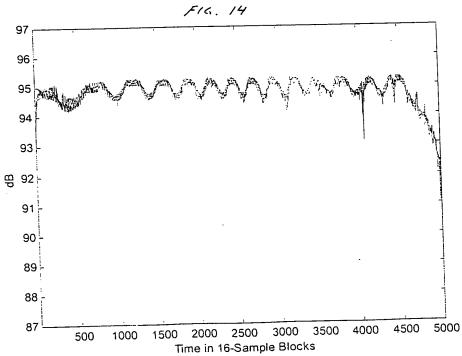


F16. 13

In re ap James M. Kates Express No. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085 8/11

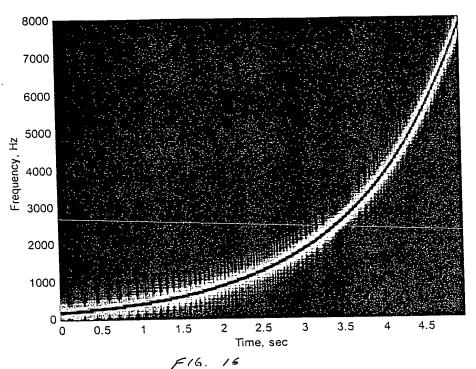


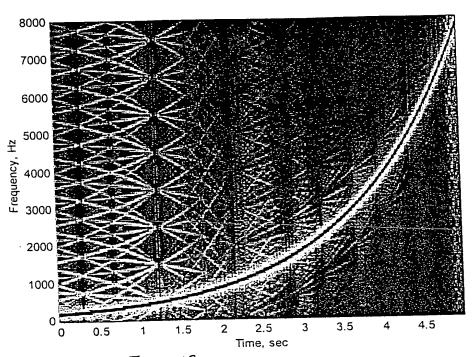


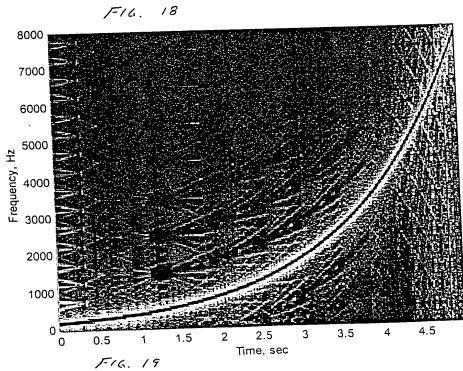


F16. 15

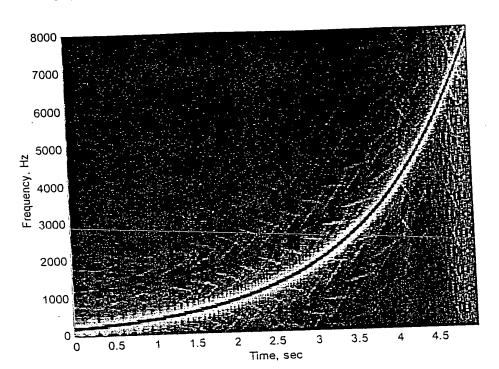
appln. of James M. Kates ress Mail No. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085 9/11



8000 7000 6000 2000 1000 1000 0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 Time, sec 



In re 2 F James M. Kates Express No. EL 828015395US Atty. David G. Beck (415) 393-2404 Atty. Docket No. 22645-7085



F16. 20